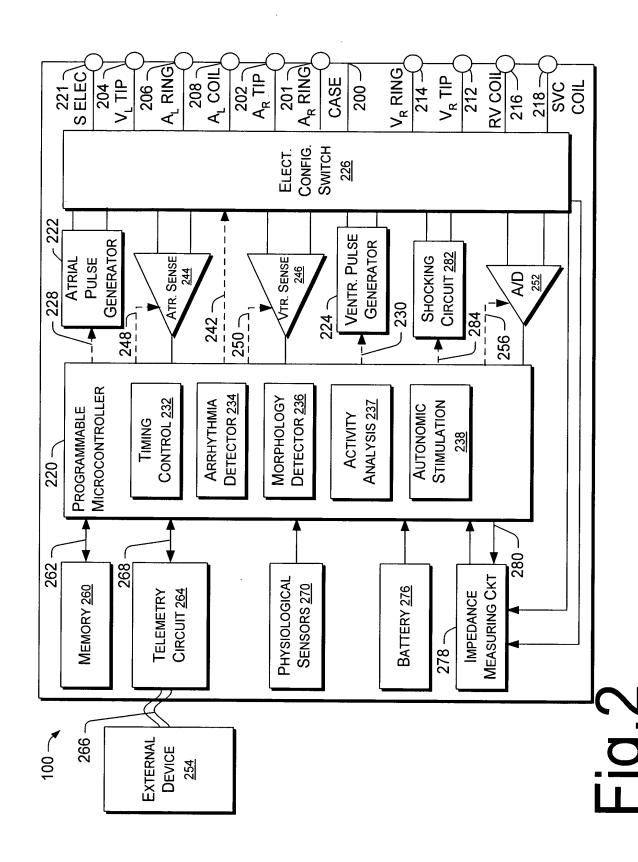


Fig.1



EXEMPLARY WAVEFORMS

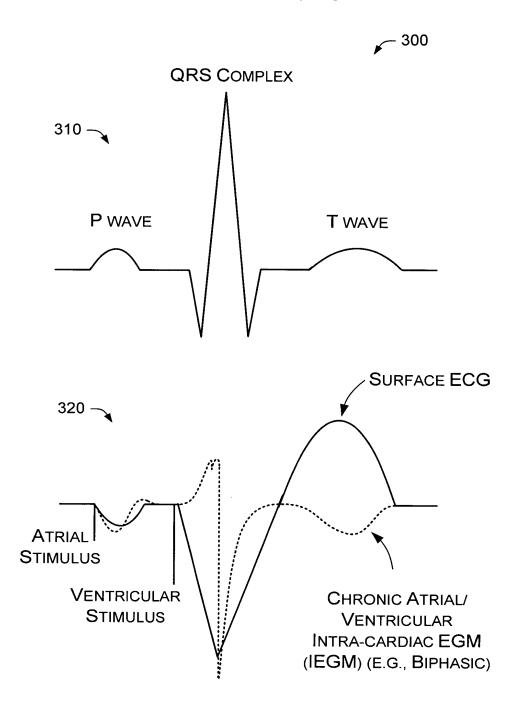


Fig.3

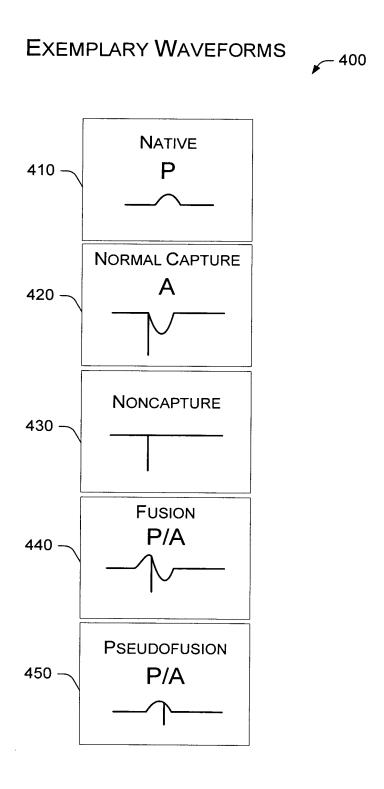


Fig.4

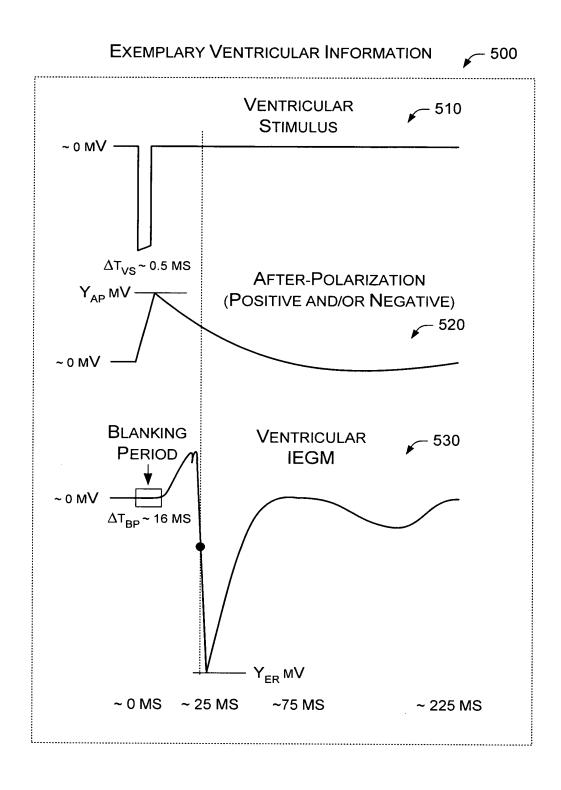


Fig.5

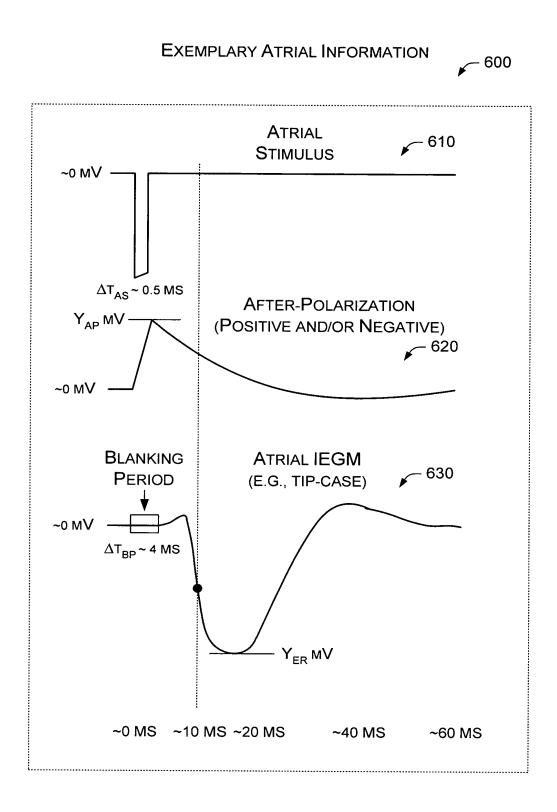


Fig.6

ENSEMBLE AVERAGE OF ATRIAL ER ATRIAL IEGM (E.G., TIP-CASE) ~0 MV - 720 **E**NSEMBLE **A**VERAGE - 724 ~0 MV ATRIAL **STIMULUS** ~0 MS ~10 MS ~20 MS ~40 MS ~60 MS

Fig.7A

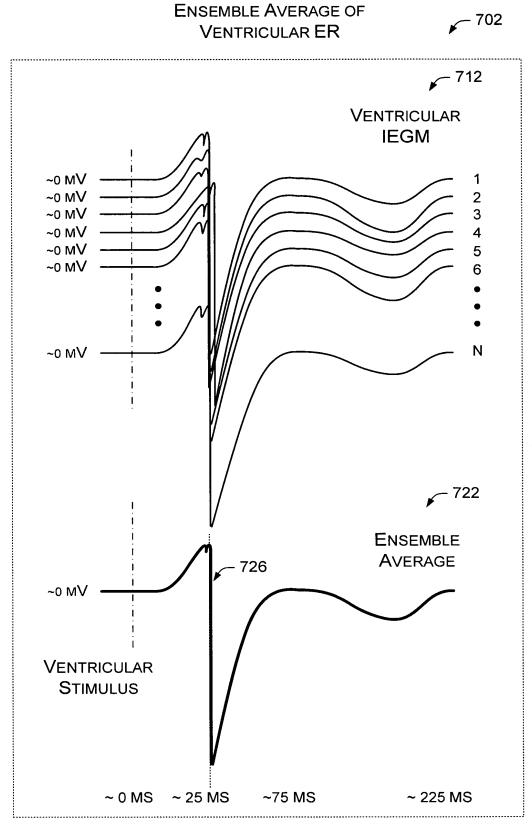


Fig.7B

ENSEMBLE AVERAGE OF ATRIAL AFTERPOTENTIAL

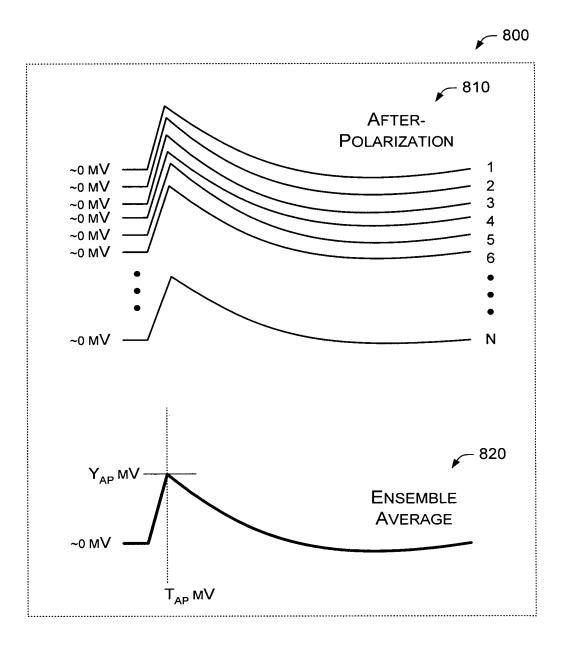


Fig.8

EXEMPLARY ANALYSIS OF AFTERPOTENTIAL INFORMATION

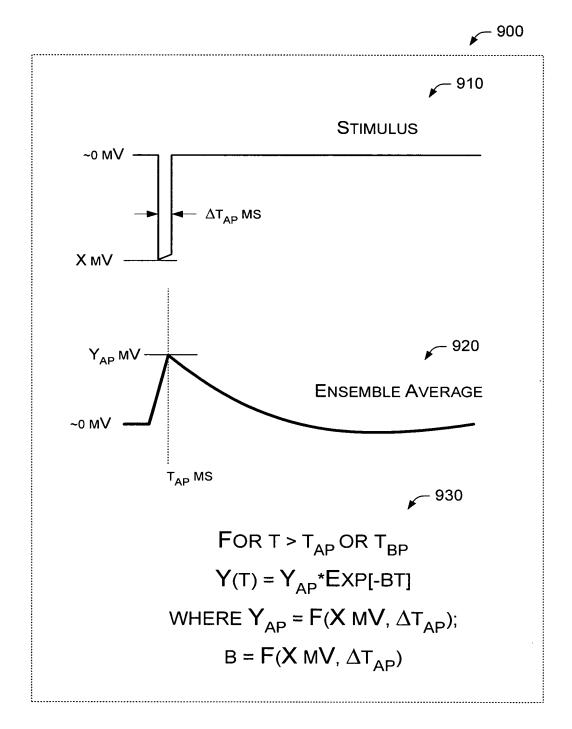


Fig.9

EXEMPLARY ACQUISITION OF AFTERPOTENTIAL INFORMATION

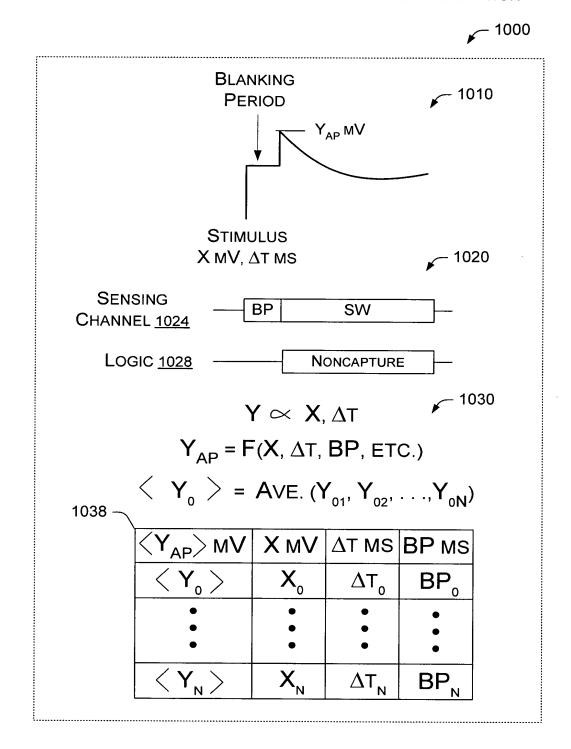


Fig. 10



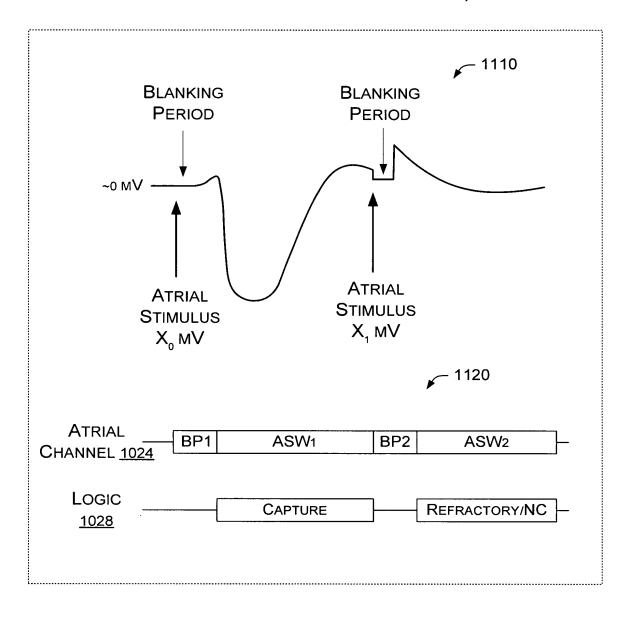


Fig.11

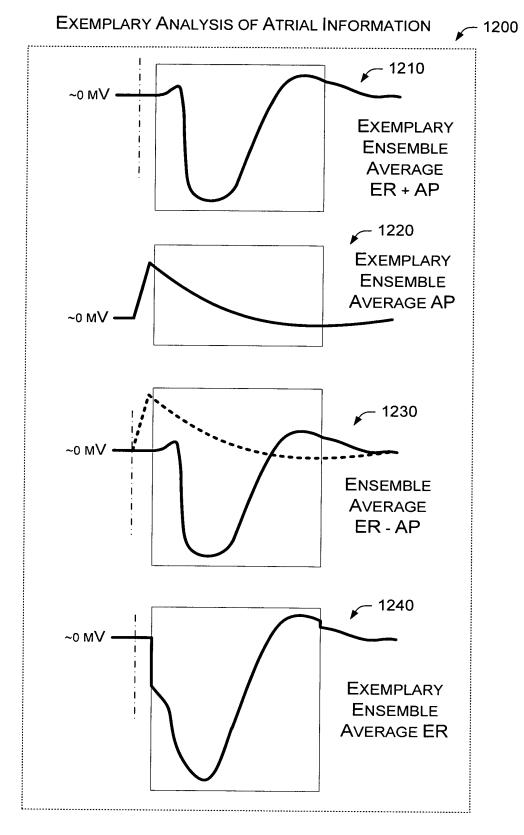


Fig.12

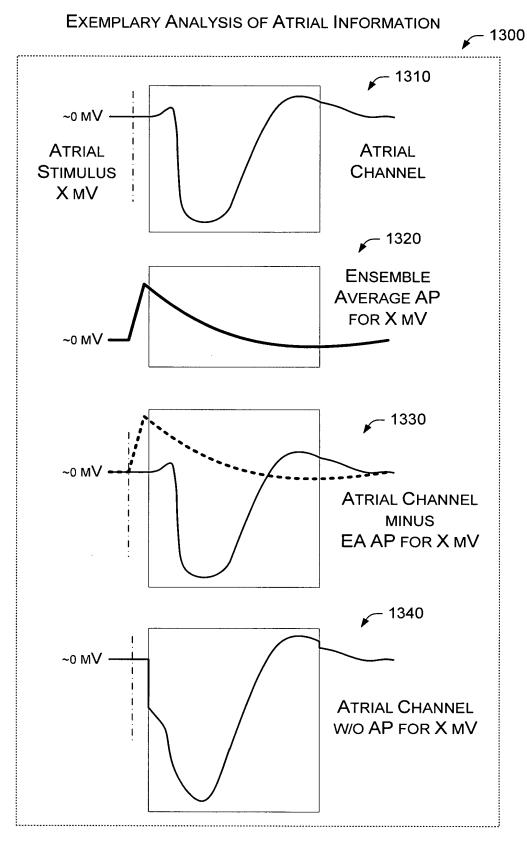


Fig.13

EXEMPLARY ANALYSIS OF ATRIAL INFORMATION

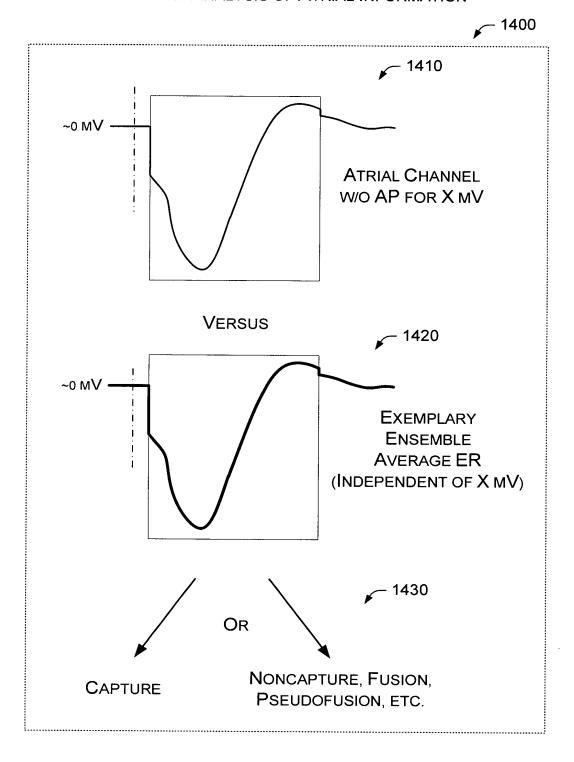


Fig.14

EXEMPLARY METHOD FOR ACQUIRING INFORMATION

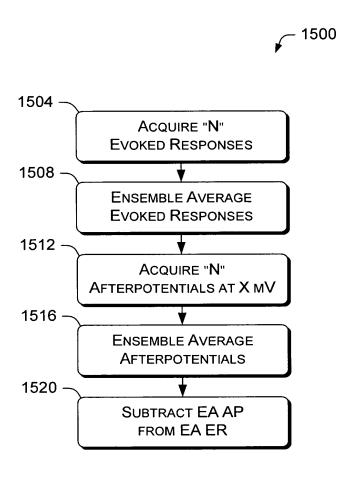


Fig. 15

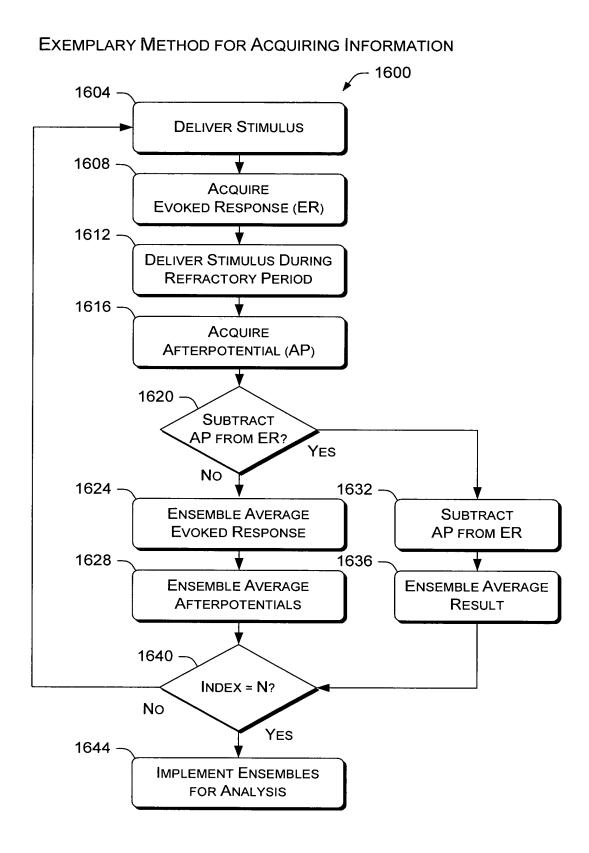


Fig. 16

EXEMPLARY METHOD FOR ACQUIRING INFORMATION 1700 1704 **DELIVER SUB-THRESHOLD** STIMULUS E.G., X MV, ΔT MS 1708 -**ACQUIRE AFTERPOTENTIAL** No 1712 -1716 -**ENSEMBLE** INDEX = N?**AVERAGE?** YES YES No No 1724 -1720 -X, ΔT , ETC. CHANGE LIMIT? STIMULUS? YES YES No 1728 1732 -LOG/ANALYZE LOG/ANALYZE

Fig.17

AP = F(T)

 $AP = F(T, X, \Delta T, ETC.)$

EXEMPLARY METHOD FOR AUTOCAPTURE

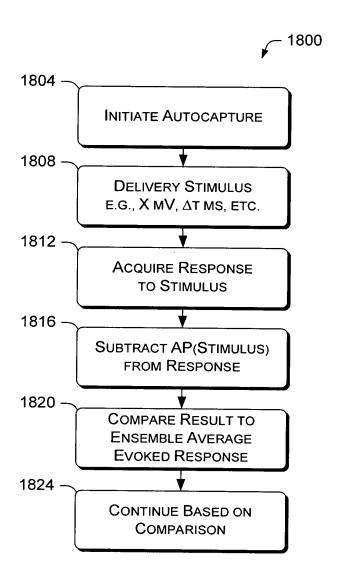


Fig.18

4 -1 -

EXEMPLARY METHOD FOR AUTOCAPTURE

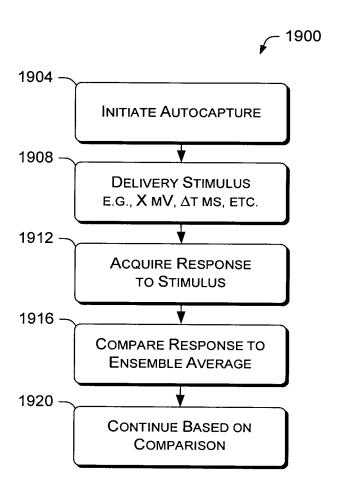


Fig.19

EXEMPLARY METHOD

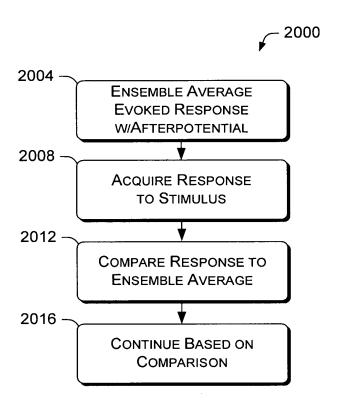


Fig.20